

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008296.D
 Acq On : 21 Oct 2019 23:02
 Operator : JU
 Sample : K5199-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 22 00:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

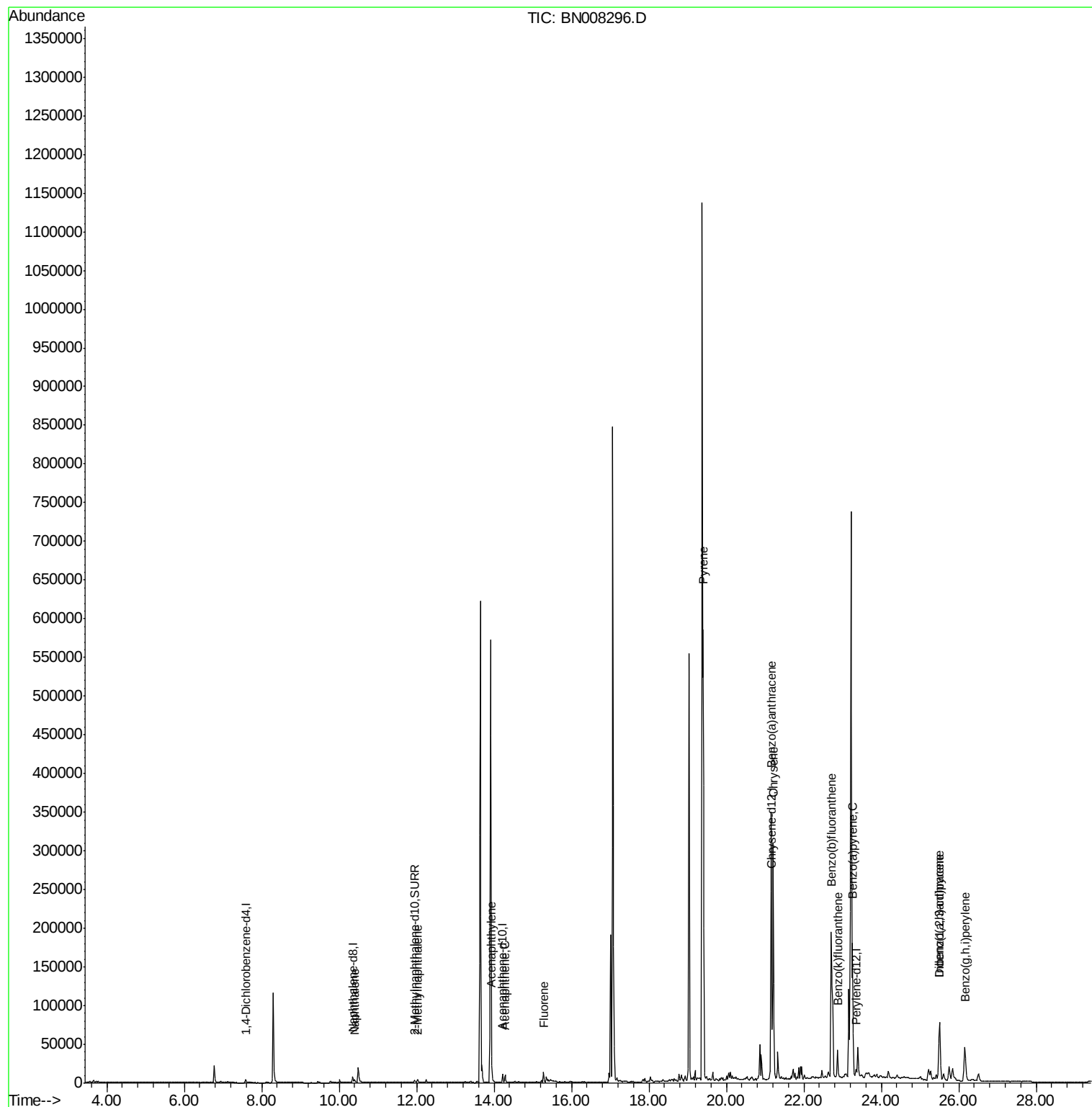
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	10014	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6219	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.97
16) Chrysene-d12	21.18	240	12936	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	11302	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4765	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	14201	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.40	128	5594	0.196	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	2989	0.153	ng/ul	100
7) Acenaphthylene	13.94	152	14566	0.492	ng/ul	99
8) Acenaphthene	14.28	153	6206	0.269	ng/ul	98
9) Fluorene	15.28	166	8388	0.321	ng/ul	98
17) Pyrene	19.40	202	463728	9.003	ng/ul	98
18) Benzo(a)anthracene	21.16	228	285233	6.065	ng/ul	98
19) Chrysene	21.21	228	292803	5.073	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	413440	11.237	ng/ul	92
22) Benzo(k)fluoranthene	22.87	252	38925	0.934	ng/ul	97
23) Benzo(a)pyrene	23.26	252	212658	5.493	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.50	276	116544	2.556	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	32095	0.890	ng/ul	98
26) Benzo(g,h,i)perylene	26.16	276	90295	2.159	ng/ul	99

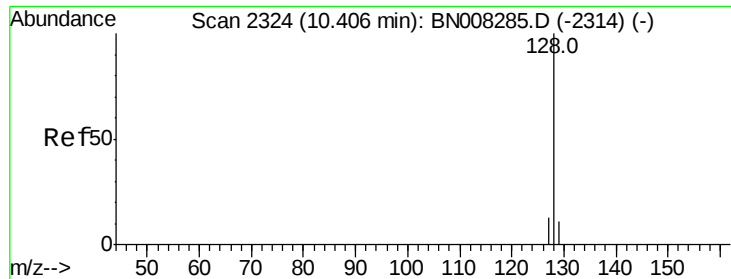
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008296.D
Acq On : 21 Oct 2019 23:02
Operator : JU
Sample : K5199-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 22 00:01:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.196 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

ClientSampleId :

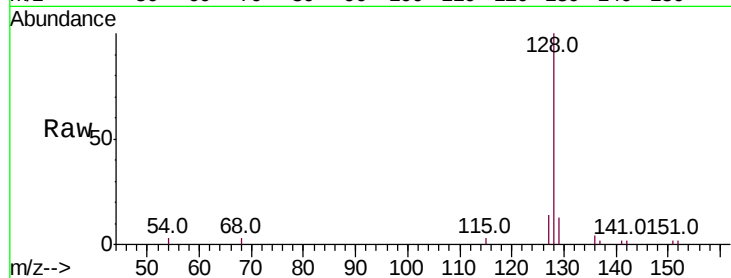
Tot Ion:128 Resp: 5594

Ion Ratio Lower Upper

128 100

129 13.0 9.8 14.8

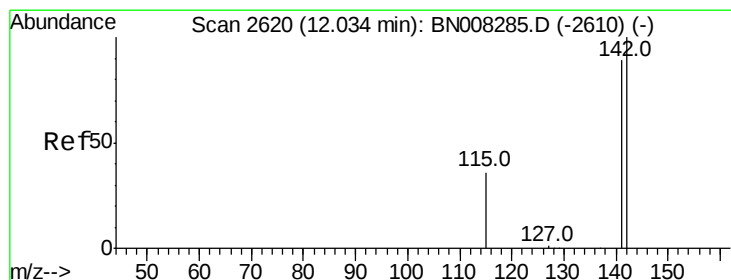
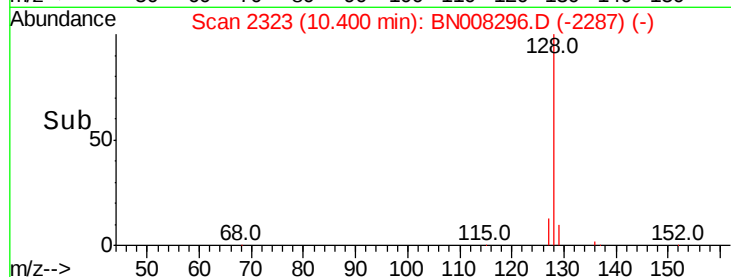
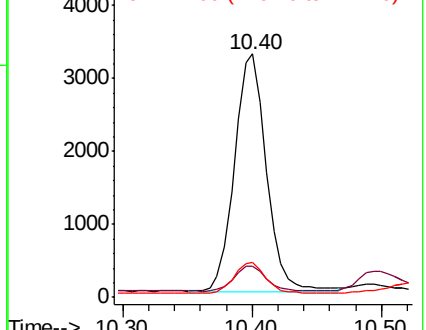
127 14.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.153 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008296.D

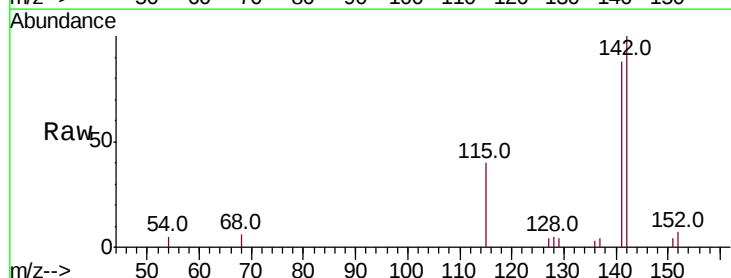
Acq: 21 Oct 2019 23:02

Tgt Ion:142 Resp: 2989

Ion Ratio Lower Upper

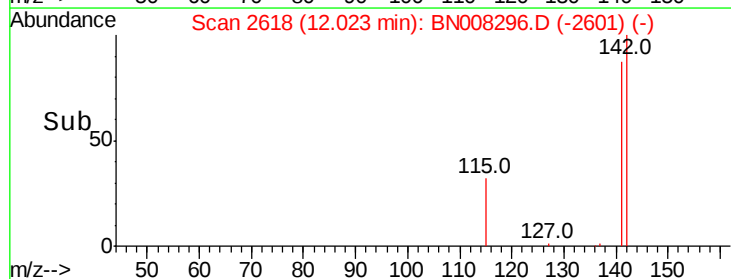
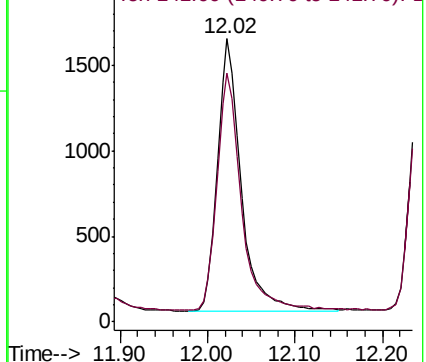
142 100

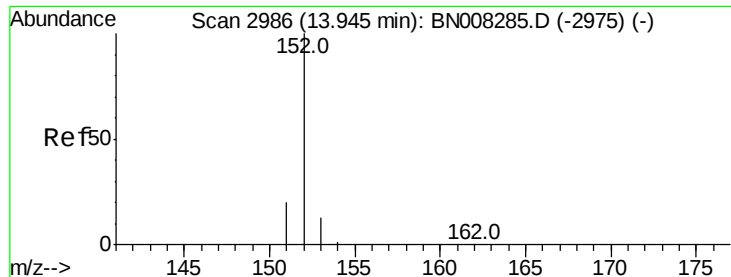
141 89.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.492 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

ClientSampleId :

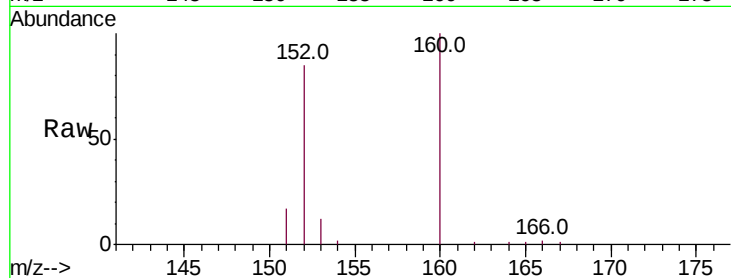
Tot Ion:152 Resp: 14566

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

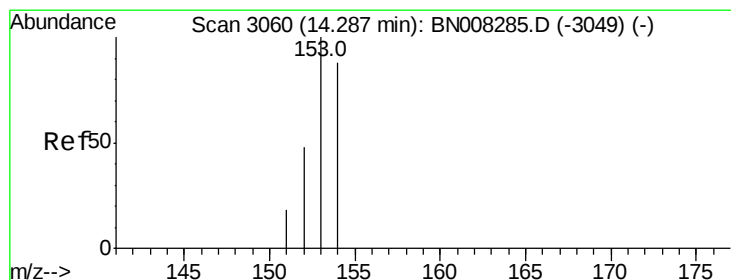
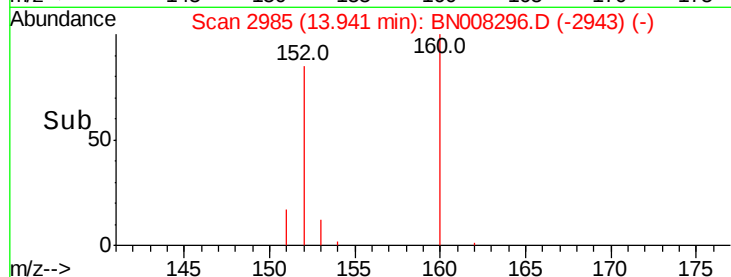
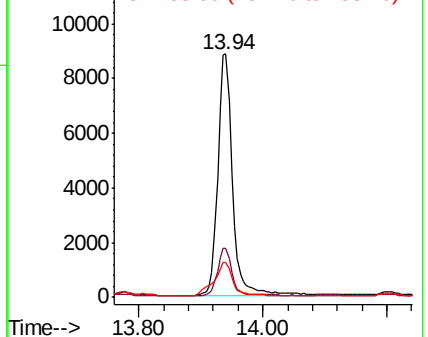
153 14.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.269 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

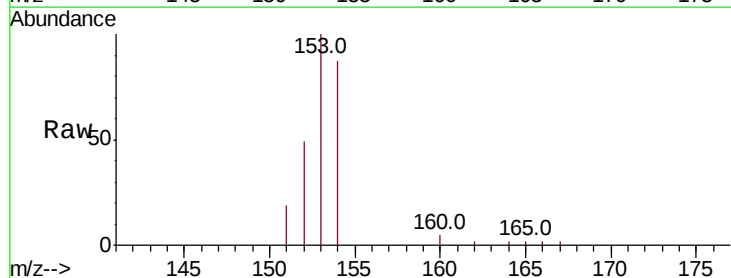
Tgt Ion:153 Resp: 6206

Ion Ratio Lower Upper

153 100

152 49.0 38.2 57.2

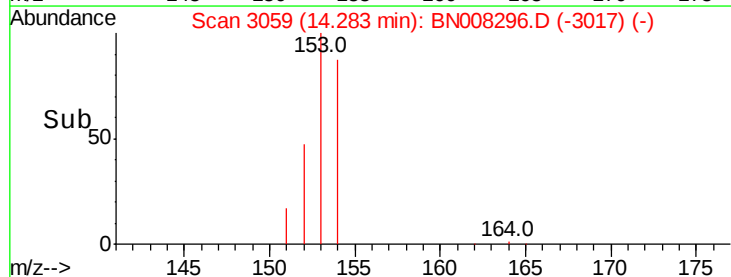
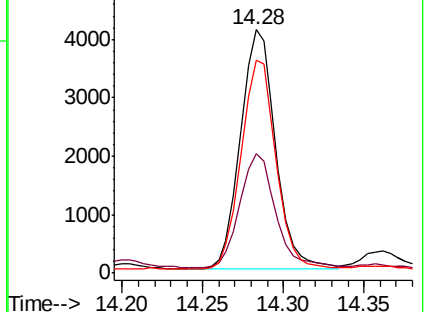
154 87.4 71.8 107.8

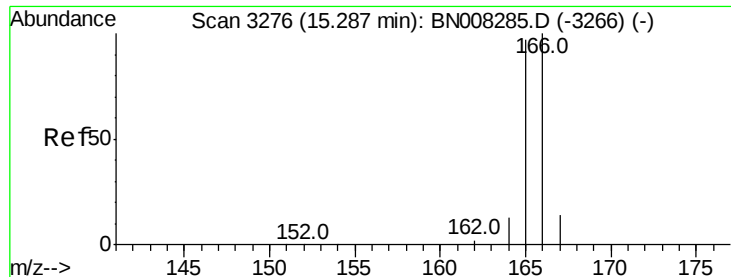


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

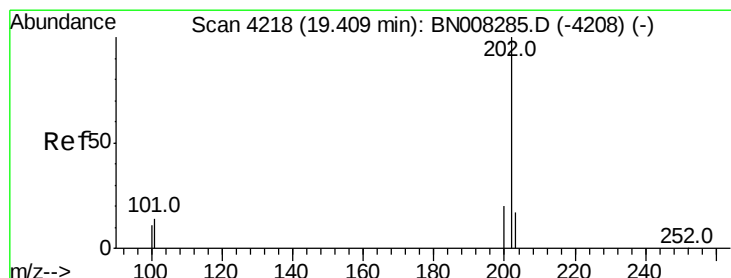
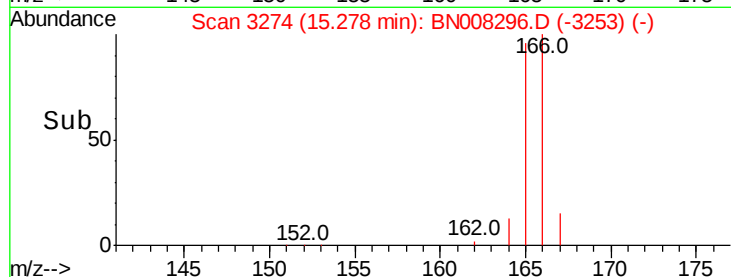
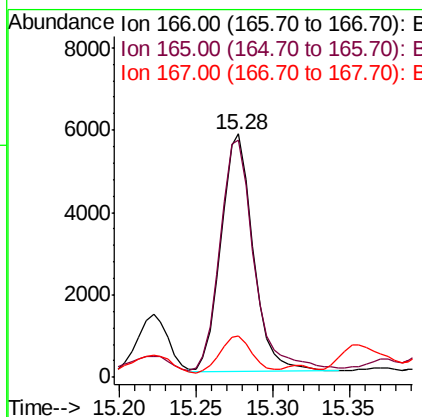
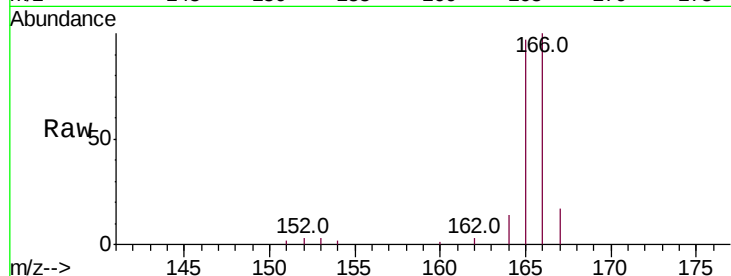




#9
Fluorene
 Concen: 0.321 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008296.D
 Acq: 21 Oct 2019 23:02

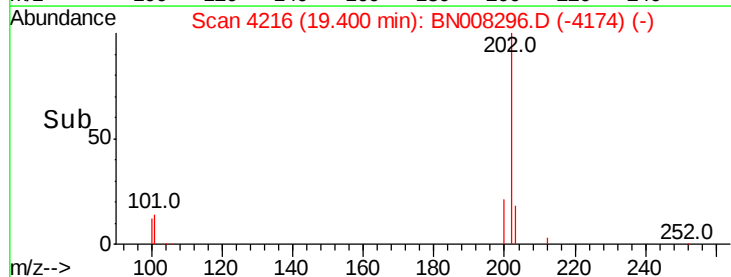
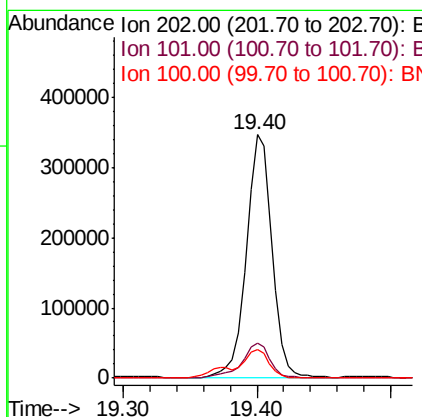
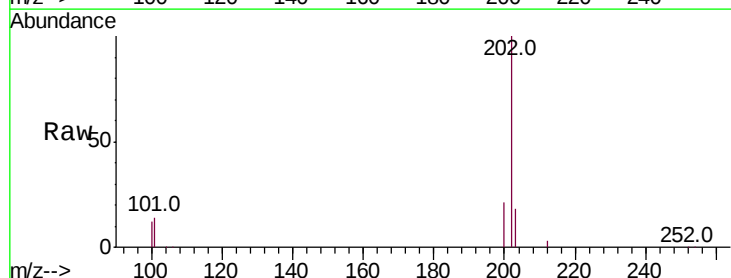
Instrument :
 BNA_N
 ClientSampleId :

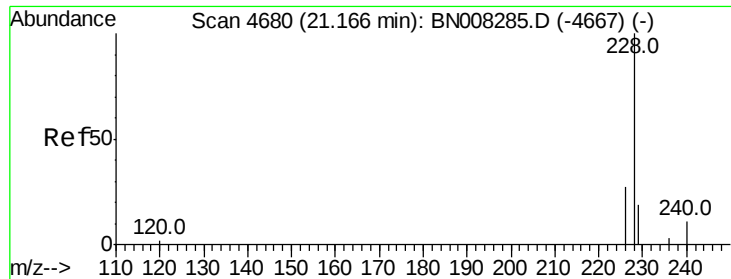
Tot Ion:166 Resp: 8388
 Ion Ratio Lower Upper
 166 100
 165 97.5 76.6 115.0
 167 17.3 11.7 17.5



#17
Pyrene
 Concen: 9.003 ng/ul
 RT: 19.40 min Scan# 4216
 Delta R.T. -0.00 min
 Lab File: BN008296.D
 Acq: 21 Oct 2019 23:02

Tgt Ion:202 Resp: 463728
 Ion Ratio Lower Upper
 202 100
 101 14.5 10.9 16.3
 100 11.9 8.7 13.1





#18

Benzo(a)anthracene

Concen: 6.065 ng/ul

RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

ClientSampleId :

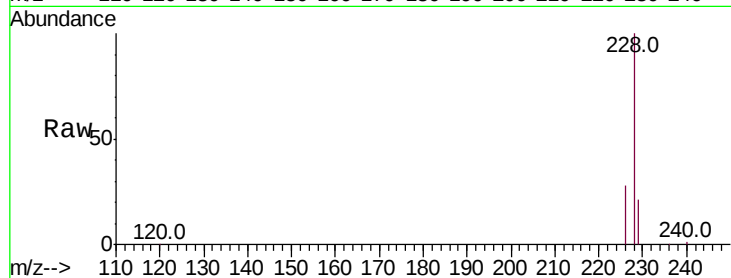
Tot Ion:228 Resp: 285233

Ion Ratio Lower Upper

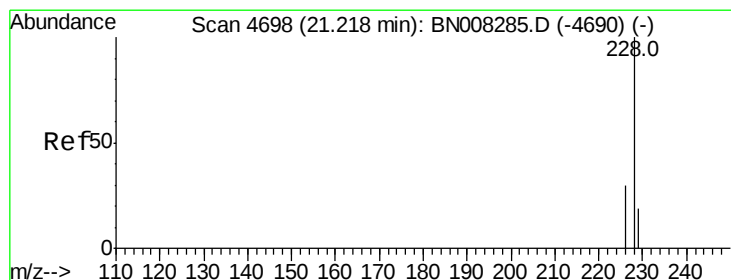
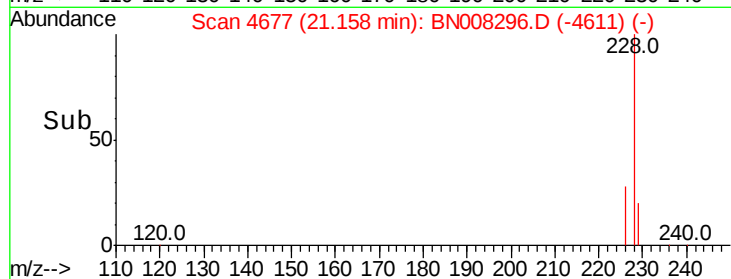
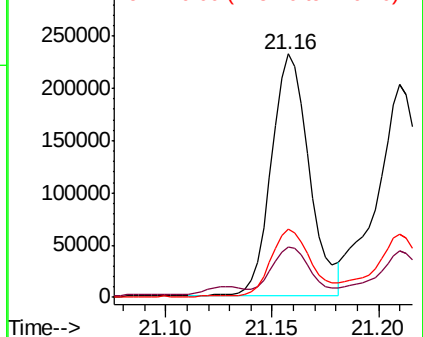
228 100

229 20.8 16.2 24.2

226 28.1 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 5.073 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

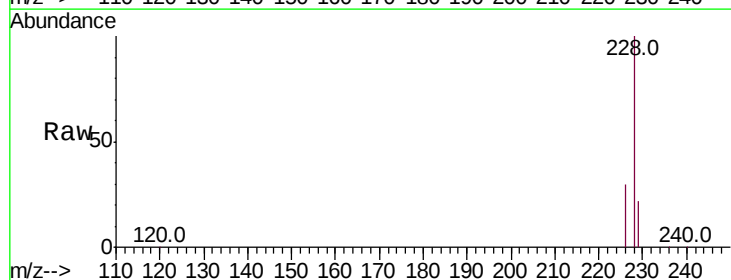
Tgt Ion:228 Resp: 292803

Ion Ratio Lower Upper

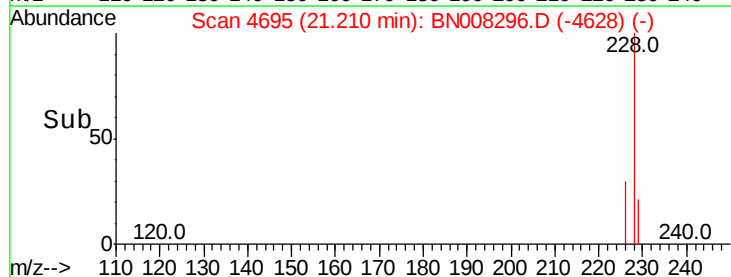
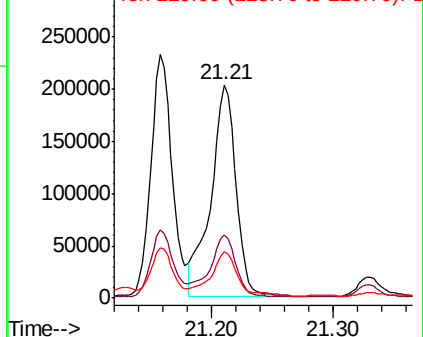
228 100

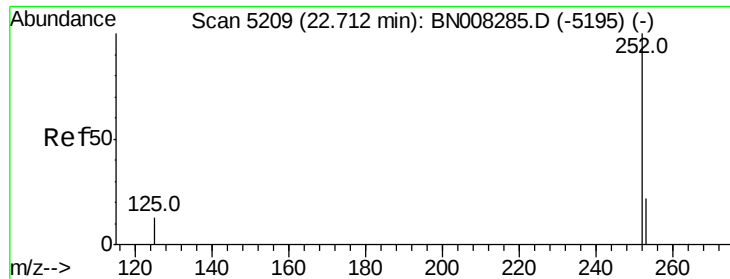
226 29.9 24.1 36.1

229 21.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 11.237 ng/ul

RT: 22.71 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

ClientSampleId :

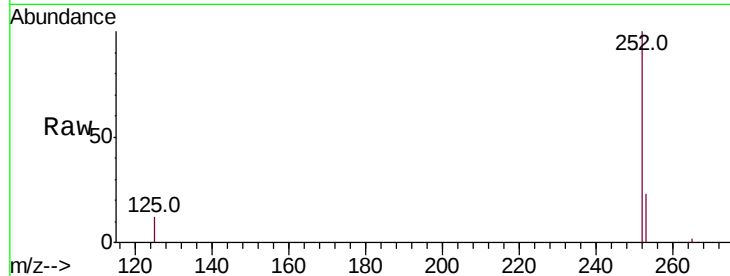
Tot Ion:252 Resp: 413440

Ion Ratio Lower Upper

252 100

253 23.1 0.0 53.4

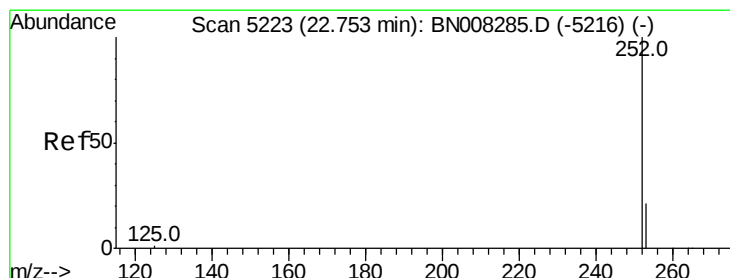
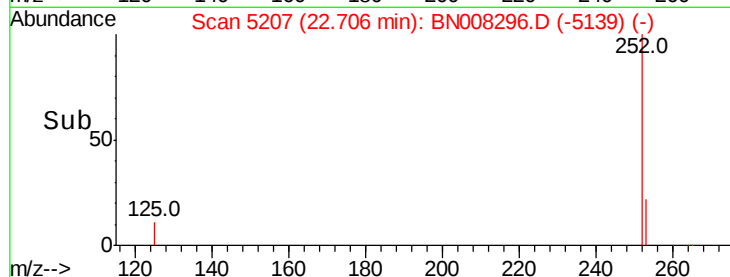
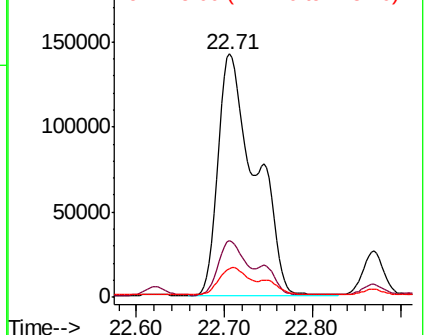
125 11.8 0.0 32.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.934 ng/ul

RT: 22.87 min Scan# 5263

Delta R.T. 0.12 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

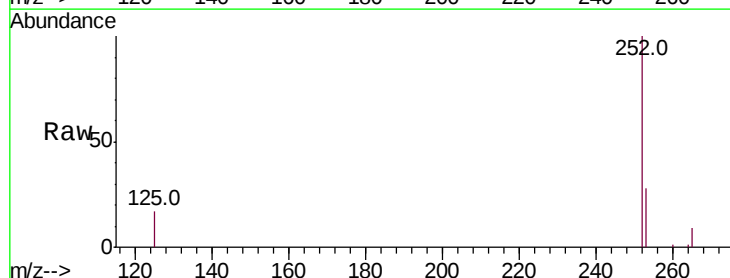
Tgt Ion:252 Resp: 38925

Ion Ratio Lower Upper

252 100

253 27.9 21.3 31.9

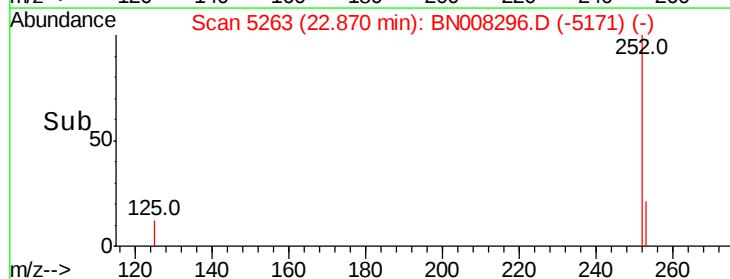
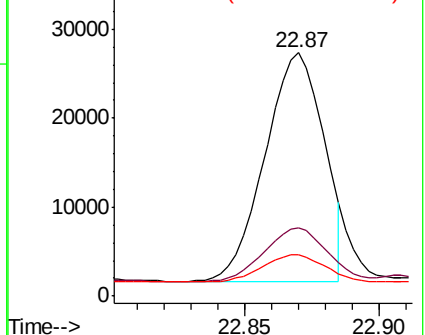
125 17.2 12.3 18.5

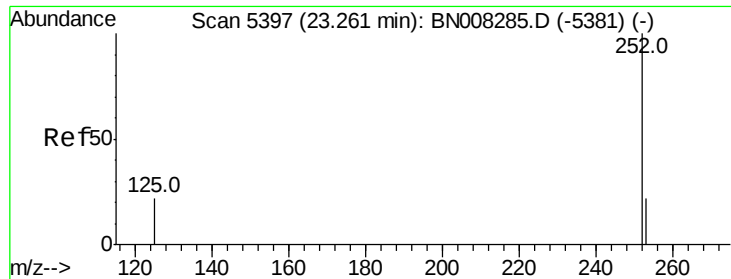


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 5.493 ng/ul

RT: 23.26 min Scan# 5395

Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

Instrument :

BNA_N

ClientSampleId :

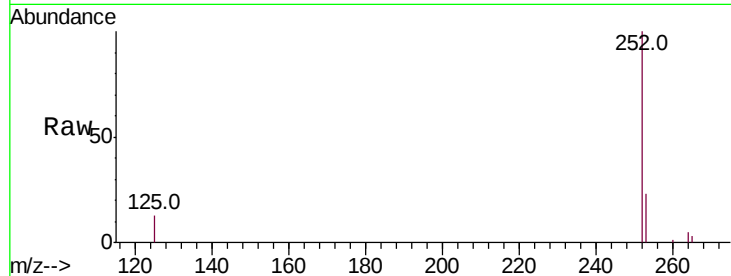
Tot Ion:252 Resp: 212658

Ion Ratio Lower Upper

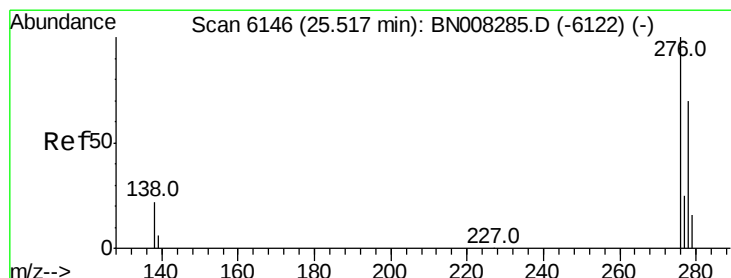
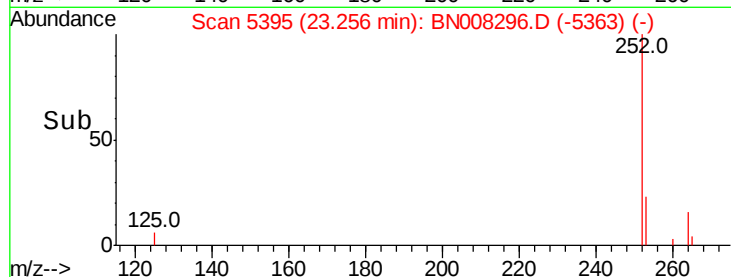
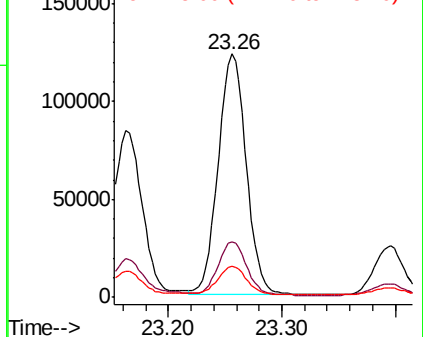
252 100

253 22.9 22.8 34.2

125 12.8 18.4 27.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.556 ng/ul

RT: 25.50 min Scan# 6142

Delta R.T. -0.01 min

Lab File: BN008296.D

Acq: 21 Oct 2019 23:02

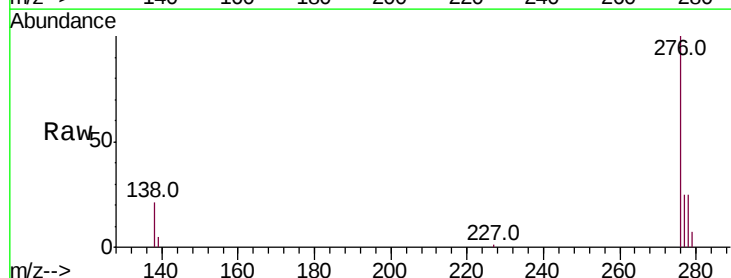
Tgt Ion:276 Resp: 116544

Ion Ratio Lower Upper

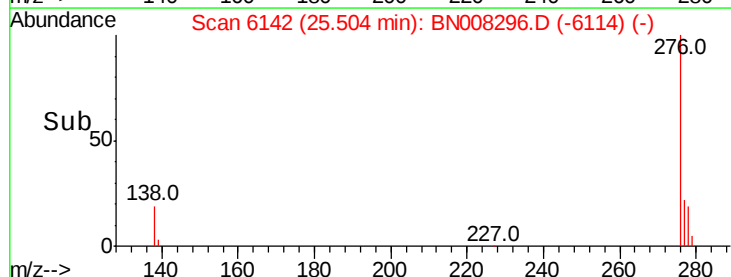
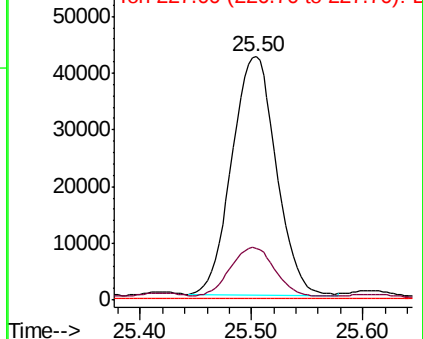
276 100

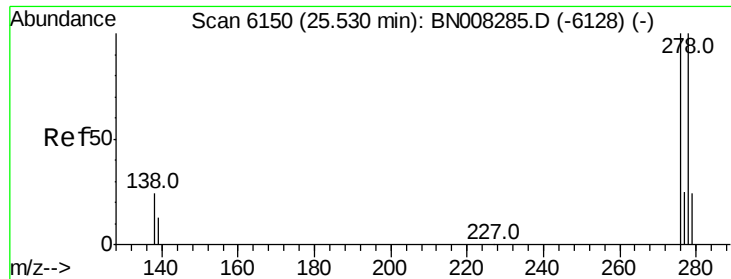
138 20.6 16.1 24.1

227 0.2 0.2 0.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



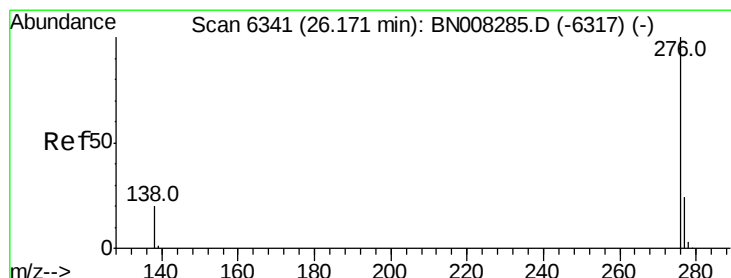
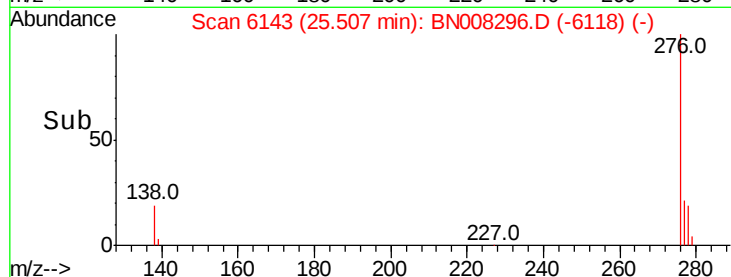
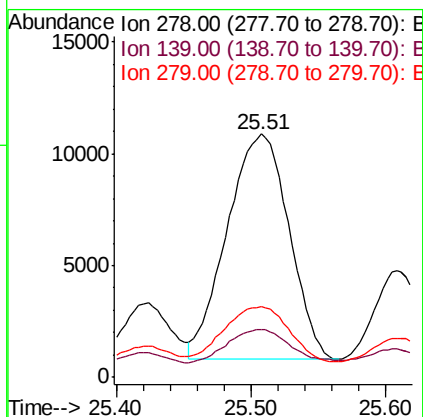
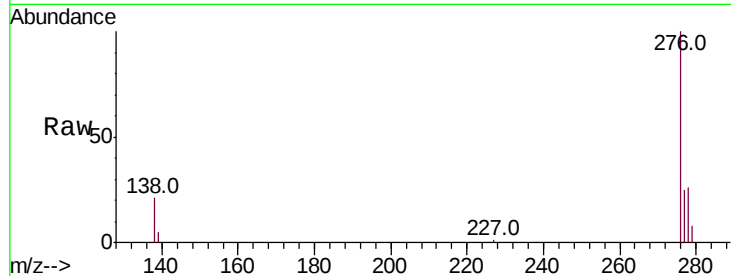


#25
Dibenzo(a,h)anthracene
Concen: 0.890 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 32095

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.0	22.6
279	29.1	22.4	33.6



#26
Benzo(g,h,i)perylene
Concen: 2.159 ng/ul
RT: 26.16 min Scan# 6337
Delta R.T. -0.01 min
Lab File: BN008296.D
Acq: 21 Oct 2019 23:02

Tgt Ion:276 Resp: 90295

Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.0	25.4
277	24.8	20.4	30.6

